

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave.St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009297**Date Inspected:** 28-Feb-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi Jiang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Sandeep Kumar was present during the times noted above for observations relative to the work being performed.

BAY 2

Issued the Green Tag for the following components, where the required percentage of NDT methods found completed.

EP178A – Green Tag - 004324

EP177A – Green Tag – 004325

EP177B – Green Tag - 004326

EP178B – Green Tag - 004327

BAY 3

This QA Inspector observed the following work in progress:

SMAW process tack welding of weld joint #016 located on Floor Beam FB016-031. Welder is identified as

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

037780. The welding variables recorded by QC appeared to comply with the WPS – B – P – 2112.

FCAW process welding of weld joint #005 located on Floor Beam FB210-004. Welder is identified as 066687. The welding variables recorded by QC appeared to comply with the WPS – B – T – 2233 – Tc – U4b – F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang - 15000422372, who represents the Office of Structural Materials for your project.

| | | |
|----------------------|------------------|-----------------------------|
| Inspected By: | Kumar,Sandeep | Quality Assurance Inspector |
| Reviewed By: | Whitehead,Lonnie | QA Reviewer |
